

Requirements for Performing Construction Engineering on Local Agency Projects

September 10, 2004

The Local Agency is required to perform Construction Engineering on all federal/state aid projects that are either let by MDOT or locally let (enhancement only).

Consultants and/or Local Agencies performing Construction Engineering Services on Local Agency Projects do not need to be pre-qualified by MDOT for Construction Engineering.

If federal/state funds will be utilized for Construction Engineering Services and the amount of the contract is equal to or will exceed \$100,000 then the consultant must be selected following the criteria set forth in the Brooks Act and a copy of the third party agreement must be approved by MDOT. The Local Agency should contact the Local Agency Programs Unit prior to proceeding with the selection of the consultant.

If the contract is less than \$100,000, then the consultant may be selected using the Local Agency's small purchase order procedure and a copy of the third party agreement must be approved by MDOT.

No work will be eligible for reimbursement if performed prior to Federal obligation of funds and MDOT authorization.

The Consultants and/or Local Agencies performing Construction Engineering are required to have the following licenses/certification, depending on the work being done in the construction contract.

Project Engineer:

The Project Engineer assigned to the project must be licensed by the State of Michigan.

Surveying:

A surveyor licensed by the State of Michigan must be on staff if surveying is part of the contract.

Technicians:

The field technicians need to have the following certifications for the work operations listed:

Density (Earthwork or HMA Paving)

- NRC Nuclear Density Gauge License
- Radiation Safety Training
- MDOT Density Technology Certification

Requirements for Performing Construction Engineering on Local Agency Projects Cont...

HMA Paving

- MDOT Bit. Paving **OR** Bit. Paving Operations

Concrete

- Michigan Concrete Field Testing - Level 1 (MCA or MCPA)

Aggregate Testing & Sampling

- Michigan Certified Aggregate Technician

HMA Plant Inspection

- Michigan Bit QC/QA Technician (Level 2)
- Michigan Certified Bituminous Laboratory Technician (Level 1)

Project Office

- The consultant must utilize Field Manager software. MDOT offers Field Manager training (Contact Ali Wellington at 517-322-5317 for available dates/times and training locations)
- The Local Agency must keep records and track materials per the MDOT Construction Manual, the applicable MDOT Standard Specifications for Construction, the Materials Quality Assurance Procedures Manual, the Material Source Guide, and utilize standard MDOT forms (www.mdot.state.mi.us/webforms/) while reporting applicable items.